

Substitute for form 1449A-B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Complete if Known

Application Number **09/854,142**
Filing Date **May 10, 2001**
First Named Inventor **Ilse Bartke**
Group Art Unit **1651**
Examiner Name **Jon P. Weber**
Attorney Docket Number **305J-900320US**
Date Submitted **December 30, 2002**

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
JW	AA	5,210,185		Della valle et al.	05-13-1993	

FOREIGN PATENT DOCUMENTS

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		Office	Number	Kind Code (if known)			
JW	AB	WO	93/03140	DEP	02-18-1993		
	AC	WO	97/17087	De Young et al.	05-15-1997		
	AD	EP	0 731 108	DEP	09-11-96		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
JW	AE	Unger et al., (1995) Poster: 25 th Annual Meeting Society for Neuroscience, San Diego, California, USA, November 11-16, 1995 (Presentation time: November 12, 1995); "Time course of regeneration in the adult pig brain following lysolecithin-induced demyelination."	
	AF	Miller, et al., (1996) <i>Brain Pathology</i> 6:331-34, "Central nervous system remyelination - clinical application of basic neuroscience principles".	
	AG	Koliatsos, et al., (1990) <i>The Journal of Neuroscience</i> 10(12):3801-3813, "Mouse nerve growth factor prevents degeneration of axotomized basal forebrain cholinergic neurons in the monkey".	
	AH	McMorris and McKinnon, (1996) <i>Brain Pathology</i> , 6:313-329 "Regulation of oligo dendrocyte development and CNS myelination by growth factors: prospects for therapy of demyelinating disease."	
JW	AI	Kramer, et al., (1995) <i>Nature Medicine</i> , vol. 1, No. 11:1162-1166, "Gene transfer through the blood-nerve barrier: NGF-engineered neurotogenic T lymphocytes attenuate experimental autoimmune neuritis."	

Examiner
Signature

Jon P. Weber

Date
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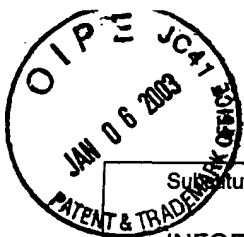
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	AA	Angeletti and Bradshaw, (1970) <i>Proc. Natl. Acad. Sci. USA</i> 68:2417-2421		
	AB	Kandel et al., (1991) <i>Principles of Neural Science</i> , 3 rd Edition, Elsevier, p. 22		
	AC	Vinken, B., (1970) <i>Handbook of Clinical Neurology</i> 7, Diseases of Nerves, Part I, Chapter 19, pp. 495 et seq.		

Examiner Signature		Date Considered	11 Sept 03
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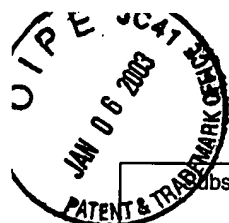
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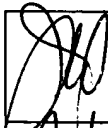


	AJ	Althaus, et al., (1992) <i>Neuroscience Letters</i> 135:219-223, "Nerve growth factor induces proliferation and enhances fiber regeneration in oligodendrocytes isolated from adult pig brain."	
	AK	Gage, et al., (1988) <i>The Journal of Comparative Neurology</i> , 269:147-155, "Morphological response of axotomized septal neurons to nerve growth factor."	
	AL	Hefti et al, (1984) <i>Brain Research</i> 293:305-311, "Chronic intraventricular injections of nerve growth factor elevate hippocampal choline acetyltransferase activity in adult rats with partial septo-hippocampal lesions."	
	AM	Hefti, (1986) <i>The Journal of Neuroscience</i> , vol. 6, No. 8, p. 2155-2162, "Nerve growth factor promotes survival of septal cholinergic neurons after fimbrial transections."	
	AN	Crain and Patterson, (1974) <i>Brain Research</i> , 79:145-152, "Enhanced afferent synaptic functions in fetal mouse spinal cord-sensory ganglion explants following NGF-induced ganglion hypertrophy."	
	AO	Chun and Patterson, (1977) <i>The Journal of Cell Biology</i> , vol. 75, pp. 596-704, "Role of nerve growth factor in the development of rat sympathetic neurons in vitro - I. Survival, growth and differentiation of catecholomine production."	
	AP	Chun and Patterson, (1977) <i>The Journal of Cell Biology</i> , vol. 75, pp. 704-711, "Role of nerve growth factor in the development of rat sympathetic neurons in vitro - II. Developmental studies."	
	AQ	Levi-Montalcini and Angeletti, (1963) <i>Developmental Biology</i> , 7:653-659, "Essential role of the nerve growth factor in the survival and maintenance of dissociated sensory and sympathetic embryonic nerve cells in vitro."	
	AR	Massacesi, et al., (1995) <i>Annals of Neurology</i> , vol. 37, No. 4, pp. 519-530, "Active and passively induced experimental autoimmune encephalomyelitis in common marmosets: A new model for multiple sclerosis."	
	AS	Althaus et al., (1990) <i>Cellular and Molecular Biology of Myelination</i> , Monastery Ohrbeck, FRG, August 28-September 2, 1989; NATO ASI Series, Vol. H43, edited by G. Jeserich et al., Springer Verlag Berlin Heidelberg 1990; pp. 247-253 "Protein kinases A and C are involved in oligodendroglial process formation."	
	AT	Diaz-Villoslada et al., (1996) Abstract: American Neurology Association Meeting, October 13-16, 1996, Miami, FL, USA, "Recombinant human nerve growth factor prevents autoimmune demyelination in marmosets."	
	AU	Engel et al., (1994) <i>NeuroReport</i> 5:397-400, "NGF increases $[Ca^{2+}]_i$ in regenerating mature oligodendroglial cells."	
	AV	Althaus and Siepl, (1997) <i>Cell Tissue Res.</i> 287:135-141, "Oligodendrocytes isolated from adult pig brain synthesise and release prostaglandins."	

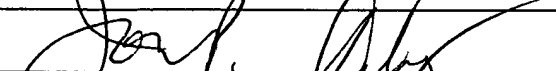
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	AW	Diaz-Cintra, et al., (1995) <i>Cell Transplantation</i> , Vol. 4, No. 5, pp. 505-513, "Morphometric study of fetal brain transplants in the insular cortex and NGF effects on neuronal and glial development."	
	AX	Schmidt-Schulz and Althaus, (1994) <i>Journal of Neurochemistry</i> , 62:1478-1585, "Monogalactosyl diglyceride, a marker for myelination. Activates oligodendroglial protein kinase C."	
	AY	Cohen, et al., (1996) <i>The Journal of Neuroscience</i> , Vol. 16, No. 20, pp. 6433-6442, "Nerve growth factor and neurotrophin-3 differentially regulate the proliferation and survival of developing rat brain oligodendrocytes."	

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